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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/843,684	04/30/2001	Jacob McGuire	033048-062	1912

21839 7590 07/29/2005

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EXAMINER

SON, LINH L D

ART UNIT	PAPER NUMBER
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2135

DATE MAILED: 07/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/843,684

Applicant(s)

MCGUIRE, JACOB

Examiner

Linh LD Son

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 April 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This office action is written in responding to the amendment dated 05/03/05.
2. Claims 1-12 are pending.

Response to Arguments

3. Applicant's arguments, see Amendment, filed 05/03/05, with respect to the rejection(s) of claim(s) 1-12 under U.S.C. 102 (e) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Symantec and Antur. See the rejection below.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Symantec PCAnywhere, hereinafter "Symantec", in view of Antur et al, US Patent No. 6212558, hereinafter "Antur".

6. As per claims 1, 6, and 11-12, Symantec discloses "A computer-implemented software tool for use in configuring firewalls, comprising: an interface executing on a

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computer which communicates with a database to obtain the identification of firewall devices associated with a network and generate a first image on a display of the computer which lists said devices" in (Symantec, Page 10 (Directory Service Support database), Chapter 3 (setting up the remote host), Chapter 4 (To configure remote control settings) on page 41, and page 48);

However, Symantec does not disclose the "means responsive to the selection of one of the devices in said list to generate a second image on said display which lists conduits within said device, wherein each conduit is identified by descriptive names stored in said database for local and external devices and/or networks that are logically connected by the conduit" limitation.

Nevertheless, Antur discloses the "Method and Apparatus for configuring and managing firewalls and security devices" invention, which enables a remote control management of the firewalls at the central administration point of the Directory Services servers. The Directory server allows the user to access the user interface to modify the configuration of the firewalls (Figure 7-24, Col 6 lines 48-64, and Col 9 lines 10-20, and lines 22-24).

Therefore, it would have been obvious at the time of the invention was made for one having ordinary skill in the art to implement the Symantec PCAnywhere software to remotely control multiple directory servers for reconfiguration of the firewall.

7. As per claims 2 and 7, Symantec and Antur disclose "The tool of claim 1, further including means responsive to the selection of one of the devices listed in said first display to generate a third image on said display which lists internal networks owned by an entity

associated with the selected device, and means to selectively open and close conduits respectively corresponding to said internal networks" in (Antur, Figures 9-20).

8. As per claims 3 and 8, Symantec and Antur disclose "The tool of claim 2 wherein said means to selectively open and close conduits comprises a graphical object adjacent each listing of an internal network that can be selected by a user to toggle between open and closed states for the listed network" in (Antur, Figures 9-20).

9. As per claims 4 and 9, Symantec and Antur disclose "The tool of claim 2 wherein said third display image further includes means for adding a new conduit to one of the internal networks" in (Antur, Figures 9-20).

10. As per claims 5 and 10, Symantec and Antur disclose "The tool of claim 4 wherein said means for adding a new conduit to one of the internal networks includes an identification of each protocol that can be associated with the new conduit, and graphical objects via which a user can select each of said protocols" in (Antur, Figures 9-20).

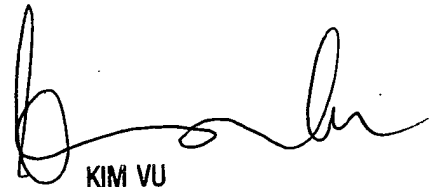
11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh LD Son whose telephone number is 571-272-3856. The examiner can normally be reached on 9-6 (M-F).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on 571-272-3859. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Linh LD Son
Examiner
Art Unit 2135



KIM VU
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100